

ABSTRACT OF SANITARY REPORTS.

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UNITED STATES.

SPECIAL REPORTS.

MICHIGAN—Detroit—*Report of sanitary inspector.*—Dr. J. J. Mulheron, sanitary inspector, M.-H. S., at Detroit, reports that during the week ended January 2 trains bringing immigrants from Canada to that port were regularly inspected, and that there were found no passengers suffering from contagious diseases, nor any from the districts where smallpox has existed.

Port Huron—*Report of sanitary inspector.*—Dr. H. R. Mills, sanitary inspector, M.-H. S., reports that during the week ended January 2, 1892, all trains from Canada were regularly inspected. One case of whooping cough was found, in the person of an Italian girl bound for Joliet, Ill. No other cases of contagious diseases.

Reports of States, and yearly and monthly reports of cities.

ALABAMA—Mobile.—Month of December, 1891. Population, 31,076. Total deaths, 67, including croup, 3; diphtheria, 3; and phthisis pulmonalis, 9.

CALIFORNIA—Los Angeles.—Month of December, 1891. Population, estimated, 65,000. Total deaths, 112, including enteric fever, 4; diphtheria, 2; and phthisis pulmonalis, 22.

CONNECTICUT—Bridgeport.—Month of December, 1891. Population, 48,740. Total deaths, 118, including diphtheria and croup, 8; scarlet fever, 4; enteric fever, 2; and phthisis pulmonalis, 5.

FLORIDA.—Month of October, 1891. Reports to the State board of health, from 16 counties and 45 places, show a total of 197 deaths, including croup, 1; diphtheria, 1; enteric fever, 9; whooping cough, 1; and phthisis pulmonalis, 24. Of this last number only 7 were properly residents of Florida, several of the others having been in the State only a few months.

Pensacola.—Month of December, 1891. Population, estimated, 15,000. Total deaths, 23, including enteric fever 1 and phthisis pulmonalis 2.

Tampa.—Month of December, 1891. Population, estimated, 10,000. Total deaths, 12, including enteric fever 1 and phthisis pulmonalis 1.

KENTUCKY—Louisville.—Month ended January 2, 1892. Population, 161,129. Total deaths, 470, including croup, 8; diphtheria, 12; scarlet fever, 3; enteric fever, 10; influenza, 48; whooping cough, 1; and phthisis pulmonalis, 48.

MARYLAND—Baltimore.—Month of November, 1891. Population, estimated, 455,427. Total deaths, 1,078, including croup, 7; diphtheria, 49; scarlet fever, 39; enteric fever, 13; influenza, 109; measles, 3; whooping cough, 3; and phthisis pulmonalis, 99.

MASSACHUSETTS—Fall River.—Month of December, 1891. Population, estimated, 75,000. Total deaths, 147, including croup, 2; enteric fever, 5; measles, 1; influenza, 5; whooping cough, 1; and phthisis pulmonalis, 12.

MICHIGAN.—Five weeks ended January 2, 1892. Reports to the State board of health, Lansing, indicate that, compared with the preceding month, cerebro-spinal meningitis, pneumonia, influenza, scarlet fever, measles, cholera infantum, puerperal fever, tonsillitis, bronchitis, membranous croup, and rheumatism increased, and that cholera morbus, typho-malarial fever, typhoid fever, and whooping cough decreased in prevalence.

Compared with the average for the month of December in the five years 1886-1890, influenza, dysentery, bronchitis, and tonsillitis were more prevalent, and smallpox, measles, typho-malarial fever, whooping cough, and puerperal fever were less prevalent in December, 1891.

Including reports by regular observers and others, diphtheria was reported present in the month of December, 1891, at 108 places; scarlet fever, 107; typhoid fever, 75; and measles, at 28 places.

Reports from all sources show diphtheria reported at 23 places more; scarlet fever, 33 places more; typhoid fever, 43 places less; and measles, at 8 places more than in the preceding month.

During the week ended January 2, 1892, the reports from 45 observers indicate that cholera infantum and scarlet fever increased, and that cerebro-spinal meningitis, cholera morbus, typhoid fever, measles, puerperal fever, whooping cough, remittent fever, and membranous croup decreased in area of prevalence.

Diphtheria was reported present during the week, and since, at 30 places, scarlet fever at 46 places, enteric fever at 20 places, and measles at 4 places.

MINNESOTA—Winona.—Month of December, 1891. Population, 19,000. Total deaths, 19, including scarlet fever, 2; croup, 1; and phthisis pulmonalis, 2.

OHIO—Cincinnati.—Month of December, 1891. Population, estimated, 300,000. Total deaths, 886, including croup, 10; diphtheria, 46; influenza, 101; measles, 1; scarlet fever, 12; enteric fever, 11; whooping cough, 3; and phthisis pulmonalis, 89.

CLEVELAND.—Month of December, 1891. Population, estimated, 271,353. Total deaths, 392, including scarlet fever, 2; diphtheria, 29; croup, 24; whooping cough, 4; enteric fever, 6; and phthisis pulmonalis, 30.

VIRGINIA—*Lynchburg*.—Month of December, 1891. Population, estimated, 24,000. Total deaths, 76, including croup, 2; diphtheria, 1.

Publications received.

Twenty-second annual report of the State board of health of Massachusetts, 1890.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Table of temperature and rainfall, week ended January 8, 1892.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
New England States:						
Eastport, Me.	22	69	.....	.91	1.35	.....
Portland, Me.	22	52	.....	.77	.10	.....
Boston, Mass.	23	25	.....	.93	.84	.....
Block Island, R. I.	33	12	.....	.98	.90	.....
Middle Atlantic States:						
Albany, N. Y.	25	6	.....	.63	.70	.....
New York, N. Y.	32	.....	9	.84	.69	.....
Philadelphia, Pa.	33	.....	13	.74	.43	.....
Atlantic City, N. J.	33	.....	4	.91	.....	.11
Baltimore, Md.	35	.....	26	.70	.47	.....
Washington, D. C.	33	.....	18	.73	.94	.....
Lynchburg, Va.	35	.....	26	.91	.15	.....
Norfolk, Va.	40	.....	3	.84	.....	.43
South Atlantic States:						
Charlotte, N. C.	39	.....	32	1.18	.68	.....
Wilmington, N. C.	45	.....	17	.87	.23	.....
Charleston, S. C.	48	.....	26	.91	.....	.26
Augusta, Ga.	46	.....	35	.95	.87	.....
Savannah, Ga.	49	.....	32	.84	.....	.41
Jacksonville, Fla.	52	.....	28	.77	.....	.51
Key West, Fla.	69	.....	46	.43	.....	.39
Gulf States:						
Atlanta, Ga.	42	.....	47	1.37	.....	.85
Pensacola, Fla.	52	.....	29	1.12	.....	1.06
Mobile, Ala.	50	.....	30	1.12	.....	.92
Montgomery, Ala.	47	10	.....	1.12	.....	.46
Vicksburg, Miss.	43	14	.....	1.19	.....	.98
New Orleans, La.	53	.....	13	1.22	.....	1.22
Shreveport, La.	43	21	.....	1.12	.....	1.10
Fort Smith, Ark.	36	8	.....	.51	.....	.51
Little Rock, Ark.	39	2	.....	1.05	.....	.97
Palestine, Tex.	41	64	.....	.94	.....	.94
Galveston, Tex.	52	24	.....	.91	.....	.64
San Antonio, Tex.	50	24	.....	.85	.....	.35
Corpus Christi, Tex.*	50	.....	.....	.82	.....	.....
Brownsville, Tex.*	55	.....	.....	.42	.....	.....
Rio Grande City, Tex.*	53	.....	.....	.28	.....	.....
Ohio Valley and Tennessee:						
Memphis, Tenn.	36	20	.....	1.19	.....	1.19
Nashville, Tenn.	36	.....	27	1.12	.....	1.08
Chattanooga, Tenn.	40	.....	42	1.47	.....	1.10
Knoxville, Tenn.	37	.....	49	1.25	.....	.41
Louisville, Ky.	32	.....	46	.91	.....	.67
Indianapolis, Ind.	27	.....	40	.70	.....	.44
Cincinnati, Ohio.	32	.....	64	.77	.....	.31
Columbus, Ohio.	27	.....	41	.77	.....	.10
Pittsburg, Pa.	29	.....	34	.70	.....	.10
Lake Region:						
Oswego, N. Y.	25	.....	24	.70	.....	.05
Rochester, N. Y.	25	.....	22	.70	.10	.....
Buffalo, N. Y.	26	.....	33	.68	1.08	.....
Erie, Pa.	28	.....	41	.77	.75	.....
Cleveland, Ohio	25	.....	30	.56	.36	.....
Sandusky, Ohio	26	.....	42	.49	.44	.....
Toledo, Ohio	26	.....	52	.49	.....	.21
Detroit, Mich.	27	.....	66	.51	.....	.18
Port Huron, Mich.	23	.....	40	.49	.....	.23
Alpena, Mich.	19	.....	22	.56	.06	.....
Marquette, Mich.	17	.....	24	.40	1.37	.....
Grand Haven, Mich.	25	.....	33	.56	.95	.....
Milwaukee, Wis.	19	.....	42	.49	.....	.25
Chicago, Ill.	24	.....	57	.49	.....	.38
Duluth, Minn.	11	.....	36	.28	.....	.04
Upper Mississippi Valley:						
St. Paul, Minn.	11	.....	29	.26	.....	.26
La Crosse, Wis.	16	.....	30	.31	.....	.15
Dubuque, Iowa	18	.....	42	.42	.....	.35
Davenport, Iowa	20	.....	38	.35	.08	.....
Des Moines, Iowa	18	.....	2	.35	.....	.22
Keokuk, Iowa	21	.....	20	.42	.....	.38
Springfield, Ill.	25	.....	51	.51	.....	.37
Cairo, Ill.	32	.....	18	.88	.....	.88
St. Louis, Mo.	28	.....	27	.49	.....	.25

* Missing.

Table of temperature and rainfall, week ended January 8, 1892—Continued.

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Missouri Valley:						
Springfield, Mo.	23		5	.49		.47
Kansas City, Mo.	27		10	.21		.08
Concordia, Kans.	24	37		.21		.15
Omaha, Nebr.	19	6		.19		.10
Valentine, Neb.	17	55		.14		.09
Huron, S. Dak.	9	8		.14		.02
Pierre, S. Dak.	10	55		.14		.14
Extreme Northwest:						
Moorhead, Minn.	2	1		.21		.11
Bismarck, N. Dak.	5	12		.14		.04
Buford, Fort, N. Dak.	4	33		.14		.14
Rocky Mountain Slope:						
Assiniboine, Fort, Mont.	5	110		.21		.19
Helena, Mont.	17	55		.28	.14	
Salt Lake City, Utah.	29	0	.0	.35	.11	
Cheyenne, Wyo.	25	31		.07		.01
North Platte, Nebr.	20	38		.14	.16	
Denver, Colo.	29	5		.14	.06	
Montrose, Colo.	23	36		.14	.11	
Pueblo, Colo.	30	18		.07		.03
Dodge City, Kans.	25	54		.14		.14
Abilene, Tex.	38	73		.21		.21
Santa Fé, N. Mex	27	23		.07		.07
Pacific Coast:						
Olympia, Wash.	39	3		1.99		1.01
Portland, Oreg.	39	9		1.73	.85	
Roseburg, Oreg.	41	14		1.54	1.60	
Red Bluff, Cal.*	45			1.12		
Sacramento, Cal.*	46			.91		
San Francisco, Cal.	50	10		1.19		.75
Los Angeles, Cal.	54	29		.70		.70
San Diego, Cal.*	54			.46		
Yuma, Ariz. *	54			.07		

* Missing.

FOREIGN.

(Reports received through the Department of State and other channels.)

BRAZIL—*Rio de Janeiro.*—The following correspondence has been received, through the Department of State, from the United States consul-general at Rio, relative to sanitary measures proposed for the shipping at that port:

DECEMBER 12, 1891.

SIR: I have the honor to inclose for your information the following important circular, addressed to this consulate-general by the general health inspector of this city. To this circular I shall rigidly adhere, and will issue printed notices to each American captain as he enters the port. As a sanitary precaution, his suggestions are invaluable, as the hot season is now opening and fever is threatening.

I have thanked the inspector for his directions, and promised him strict obedience thereto.

I have the honor to be, your obedient servant,

O. H. DOCKERY,
Consul-General.

Hon. WILLIAM F. WHARTON,
Assistant Secretary of State.

[Translation.]

INSPECTION-GENERAL OF THE HEALTH OF THE PORTS,
Rio de Janeiro, December 7, 1891.

To the Consul-General of the United States of America in Rio de Janeiro:

I am desirous, as far as is in my power, to prevent the spread of yellow fever or any other disease among the vessels in port, and ask your valuable aid.

All vessels are visited by my aids, who instruct the captains to follow hygiene measures, such as daily washing of their ships with phenic acid and water, disinfecting water-closets with chlorate of lime and chloronet of zinc.

They are also enjoined not to allow any soiled clothing in their bunks, and the immediate destruction of any tainted victuals or water.

I beg you to use your authority among the vessels of your nationality in the faithful observance of above dispositions, and to prohibit their sailors from coming ashore, as, owing to their excesses, they fall easy prey to yellow fever.

Please instruct your captains to cease labor during the heated hours of the day, and to hoist the signal of medical visit as soon as first symptoms of any disease are seen.

I avail myself of this opportunity to tender you my highest regards.

DR. JOSÉ DE SOUZADA LIEVIERA,
Inspector-General.

CANADA—*Smallpox*.—The following report has been received:

BOARD OF HEALTH OF THE PROVINCE OF QUEBEC,
Montreal, January 7, 1892.

SIR: I beg to send you the following statement regarding the existence of smallpox in the province:

Counties.	Municipalities.	Cases since outbreak.	Deaths.	Recovered.	Still sick.	Houses infected since outbreak.	Houses presently infected.
Bonaventure	Quebec City.....	5	3	2	0	3	0
	Carleton.....	9	1	8	0	4	0
	Shoobred and Nouvelle.	3	0	3	0	1	0
Rimouski	St. Damase.....	17	5	12	0	4	0
	Do.....	6	0	6	0	3	2
Témiscouata	St. Paul de la Croix.....	61	11	50	0	13	0
	Do.....	8	0	8	0	2	0
Gaspé	Île Verte.....	1	1	0	0	1	0
	Pabos.....	6	1	5	0	2	0
Quebec	Newport.....	6	2	4	0	1	0
	La Jeune Lorette.....	4	0	4	0	1	0
Sherbrooke	Ascot.....	10	4	6	0	2	0
	Sherbrooke City.....	14	3	8	3	6	1*
Richmond	Brompton.....	1	0	0	1	1	1

*The civic hospital.

Yours respectfully,

ELZÉAR PELLETIER,
Secretary.

CEYLON.—From the Report of the Registrar-General for the second quarter of 1891 the following is abstracted:

The estimated population of the island is 3,017,198, showing an increase of 14,789 over the previous quarter. The number of deaths registered was 22,338, corresponding to an annual death rate of 29.8 a thousand of the inhabitants. The deaths included smallpox, 291; varicella, 30; measles, 178; whooping cough, 9; simple, ill-defined, fevers, 4,821; enteric fever, 1,008; influenza, 2; cholera (*nostras*!), 424; diarrhoea, 1,268; dysentery, 1,608; and phthisis pulmonalis, 491.

CUBA—*Havana*.—Month of December, 1891. Total deaths, 701, including yellow fever, 17; influenza, 32; enteric fever, 9; pernicious fever, 9; bilious fever, 1; paludal fever, 8; smallpox, 1; diphtheria, 4; and glanders, 2. Influenza, though continuing as an active epidemic, is less fatal.

For the week ended December 31, 1891, there were three deaths from yellow fever.

FRANCE—*Rouen*.—Month of November, 1891. Population, 106,496. Total deaths, 286, including none from contagious diseases.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 28 great towns of England and Wales during the week ended December 26 corresponded to an annual rate of 22.8 a thousand of the aggregate

population, which is estimated at 9,405,108. The lowest rate was recorded in Leicester, viz, 13.2, and the highest in Newcastle-on-Tyne, viz, 45.1 a thousand.

London.—One thousand seven hundred and seventy-one deaths were registered during the week, including measles, 83; scarlet fever, 17; diphtheria, 20; whooping cough, 93; enteric fever, 9; and diarrhoea and dysentery, 11. The deaths from all causes corresponded to an annual rate of 21.9 a thousand. Diseases of the respiratory organs caused 553 deaths. In greater London 2,193 deaths were registered, corresponding to an annual rate of 20.2 a thousand of the population. In the "outer ring" the deaths included diphtheria, 7; whooping cough, 15; and measles, 11.

Ireland.—The average annual death rate represented by the deaths registered during the week ended December 26, in the 16 principal town districts of Ireland, was 29.2 a thousand of the population. The lowest rate was recorded in Kilkenny, viz, 0.0, and the highest in Cork, viz, 47.6 a thousand. In Dublin and suburbs 194 deaths were registered, including enteric fever, 8; influenza, 5; whooping cough, 5; and typhus, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended December 26 corresponded to an annual rate of 27.1 a thousand of the population, which is estimated at 1,338,314. The lowest mortality was recorded in Perth, viz, 22.0, and the highest in Aberdeen, viz, 30.6 a thousand. The aggregate number of deaths registered from all causes was 698, including measles, 5; scarlet fever, 4; diphtheria, 4; whooping cough, 16; fever, 1; and diarrhoea, 11.

Russia—Riga.—Month of October, 1891. Population, 200,000. Total deaths, 439, including measles, 1; scarlet fever, 52; diphtheria, 38; enteric fever, 4; croup, 1; whooping cough, 1; and phthisis pulmonalis, 46.

Spain—Cadiz.—Month of November, 1891. Total deaths, 264, including smallpox, 30; diphtheria, 1; other contagious diseases not classified, 53.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Mesaria.
London.....	Dec. 26.....	5,656,900	2,193				1	9	21	27	94
Paris.....	Dec. 19.....	2,424,705	916				12		22	5	4
Hamburg.....	Dec. 12.....	570,534	323				6	3	4		
Glasgow.....	Dec. 19.....	567,143	268				1	5	2	5	8
Liverpool.....	Dec. 24.....	517,116	239				7	2			
Buda-Pesth.....	Dec. 17.....	507,000	43				5		10	15	
Buda-Pesth.....	Dec. 24.....	507,000	61				2		14	26	
Brussels.....	Dec. 12.....	482,158	184				2	1			
Warsaw.....	Dec. 12.....	465,272	203				3	4	6	14	
Lyons.....	Dec. 12.....	430,000	182						8		
Amsterdam.....	Nov. 21.....	407,542	144					2		3	
Amsterdam.....	Nov. 28.....	407,542	168				1	1		9	
Amsterdam.....	Dec. 5.....	407,542	156					1		6	
Cairo.....	Dec. 3.....	374,838	280					7		3	
Munich.....	Dec. 5.....	349,000	162					1	5	6	1
Cologne.....	Dec. 19.....	288,266	140				1		11	10	5
Dresden.....	Dec. 12.....	276,522	96					1		9	
Barcelona.....	Dec. 18.....	272,000	117				3	6		11	
Alexandria.....	Dec. 3.....	231,396	158				1				1
Bristol.....	Dec. 19.....	222,049	93						2		
Genoa.....	Dec. 12.....	181,567	98				1			1	1
Genoa.....	Dec. 19.....	181,567	107				1	2		2	1
Frankfort-on-the-Main.....	Dec. 12.....	180,000	39				1		1	3	
Hanover.....	Dec. 5.....	179,000	84								
Trieste.....	Dec. 12.....	158,054	101								
Ghent.....	Dec. 12.....	153,740	51								
Nuremberg.....	Dec. 5.....	149,507	65								
Stuttgart.....	Dec. 19.....	139,659	51								
Hiogo.....	Dec. 5.....	136,012	53								
Funchal.....	Dec. 12.....	133,250	20								
Bremen.....	Dec. 12.....	125,600	40								
Stettin.....	Dec. 19.....	116,500	81								
Catania.....	Dec. 20.....	111,000	54								
Crefeld.....	Dec. 19.....	108,000	64								
Aix-la-Chapelle.....	Dec. 13.....	106,076	36								
Rheims.....	Dec. 19.....	105,993	42								
Zurich.....	Dec. 12.....	91,323	44								
Mannheim.....	Dec. 19.....	80,000	26								
Mayence.....	Dec. 12.....	72,281	14								
Jerez de la Frontera.....	Dec. 12.....	61,708	47								
Gibraltar.....	Dec. 13.....	25,753	7								
Vera Cruz.....	Dec. 25.....	25,000	11					3			
Kingston, Can.....	Jan. 1.....	19,264	11								
Sagua la Grande.....	Dec. 20.....	18,109	20								
Matamoras.....	Dec. 25.....	12,000	3								
Sonneberg.....	Dec. 19.....	12,000	10						1		
Guelph.....	Jan. 2.....	10,539	3						2		
Port Stanley and St. Thomas.....	Dec. 9.....	10,500	4								
Port Stanley and St. Thomas.....	Dec. 16.....	10,500	4								
Queenstown.....	Dec. 19.....	10,341	4								
Tampico.....	Dec. 27.....	8,048	16								
Santiago.....	Nov. 7.....	4,600	3								
Santiago.....	Nov. 14.....	4,600	2								
Santiago.....	Nov. 21.....	4,600	2								
Santiago.....	Nov. 28.....	4,600	1								
Amherstburg.....	Jan. 2.....	2,290	1								

OFFICIAL:

WALTER WYMAN,
Supervising Surgeon-General Marine-Hospital Service.